

group consisting of aliphatic, cycloaliphatic and aromatic isocyanates, wherein said isocyanate has a Tg greater than 50 °C and an average NCO functionality of 2-4;

5 to 70% by weight, based on the total weight of the adduct, of at least one hydrophilicizing component containing at least one group which is reactive toward the at least one NCO group;

at least one blocking agent for blocking from 95 to 100% of the NCO groups which do not react with the hydrophilicizing component; and

up to 15% by weight, based on the total weight of the adduct, of at least one neutralizing agent.

B1
conced

3. (Amended) The blocked polyisocyanate adduct of claim 2, wherein the isocyanate component is at least one diisocyanate selected from the group consisting of 1,6-diisocyanatohexane (HDI), bis(4-isocyanatocyclohexyl)methane (HMDI), 1,5-diisocyanato-2-methylpentane (MPDI), 1,6-diisocyanato-2,4,4-trimethylhexane (TMDI) and 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (IPDI).

B2

6. (Amended) The blocked polyisocyanate adduct of claim 2, wherein the isocyanate is a product of at least one diisocyanate selected from the group consisting of 1,6-diisocyanatohexane (HDI), bis(4-isocyanatocyclohexyl)methane (HMDI), 1,5-diisocyanato-2-methylpentane (MPDI), 1,6-diisocyanato-2,4,4-trimethylhexane (TMDI) and 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate (IPDI) and at least one compound selected from the group consisting of polyol and polyamine.

B3
conced

9. (Amended) The polyisocyanate adduct of claim 2, wherein the hydrophilicizing component is an ionic component selected from the group consisting of monohydroxyalkylcarboxylic acids, polyhydroxyalkylcarboxylic acids, -sulfonic acids, -phosphonic acids, monofunctional aminocarboxylic acids, and polyfunctional aminocarboxylic acids.

10. (Amended) The blocked polyisocyanate adduct of claim 2, wherein the hydrophilicizing component is a nonionic hydrophilicizing agent having at least one terminal hydroxyl group.

B3
incl
11. (Amended) The blocked polyisocyanate adduct of claim 10, wherein the nonionic hydrophilicizing agent is selected from the group consisting of polyether containing 80-100% by weight of ethylene oxide units, based on the weight of the polyether, and polyether containing 80-100% by weight of propylene oxide units, based on the weight of the polyether.

B4
15. (Amended) The blocked polyisocyanate adduct of claim 2, wherein said neutralizing agent is present in an amount greater than 0% by weight, based on the weight of the adduct.

25. (Amended) A process for the water-free preparation of a solid, pulverulent, water-dispersible, blocked polyisocyanate adduct comprising:

reacting, in an organic auxiliary solvent,

B5
cont
5 to 95% by weight, based on the weight of the adduct, of at least one isocyanate component selected from the group consisting of aliphatic, cycloaliphatic and aromatic isocyanates, wherein said isocyanate has a Tg greater than 50 °C and an average NCO functionality of 2-4

with

5 to 70% by weight, based on the weight of the adduct, of at least one hydrophilicizing component containing at least one group which is reactive toward the NCO groups;

blocking any remaining unreacted NCO groups with at least one blocking agent for blocking from 95 to 100% of the NCO groups not reacting with the hydrophilicizing component;